

Fig 1(a)

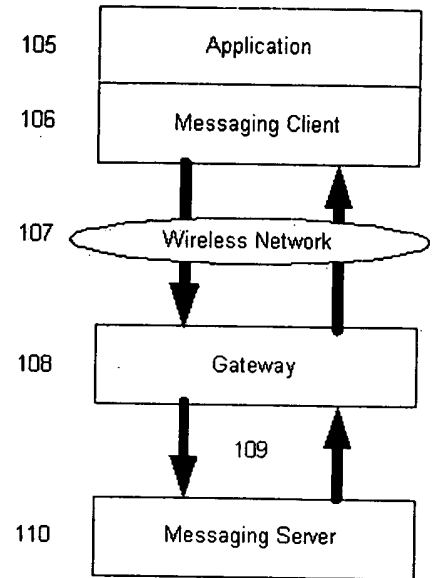


Fig 1(b)

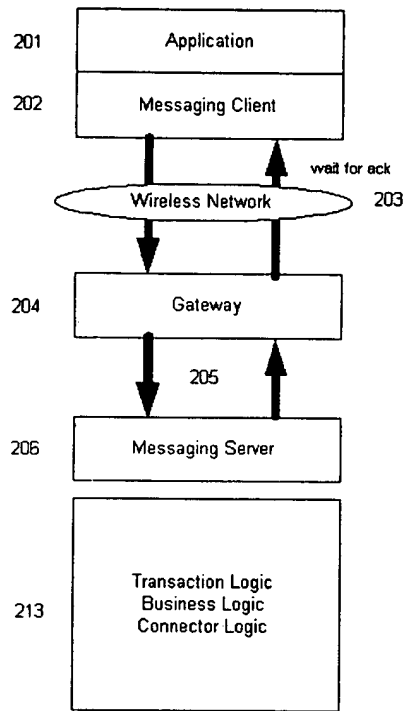


Fig 2(a)

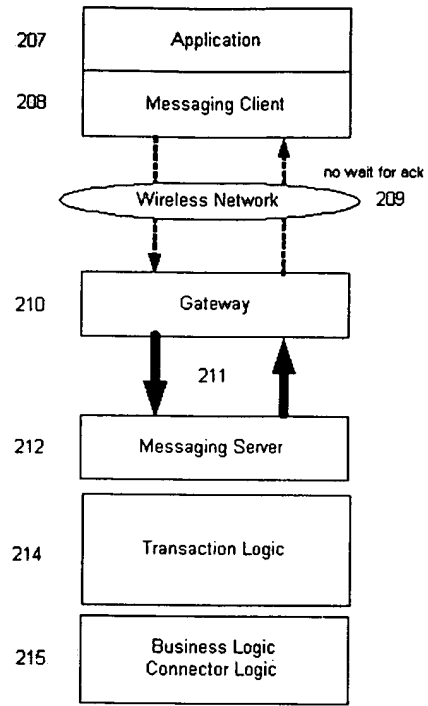


Fig 2(b)

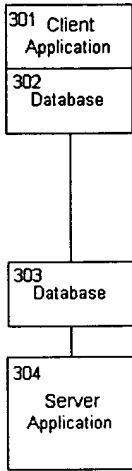


Fig 3(a)

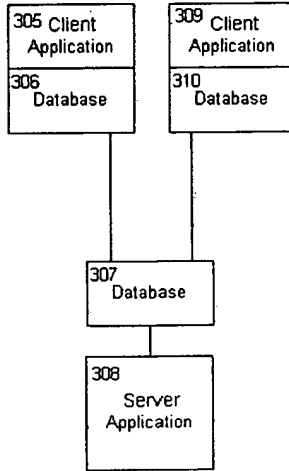


Fig 3(b)

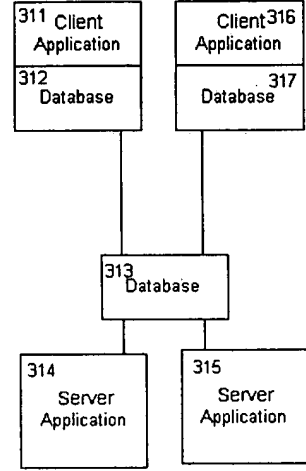


Fig 3(c)

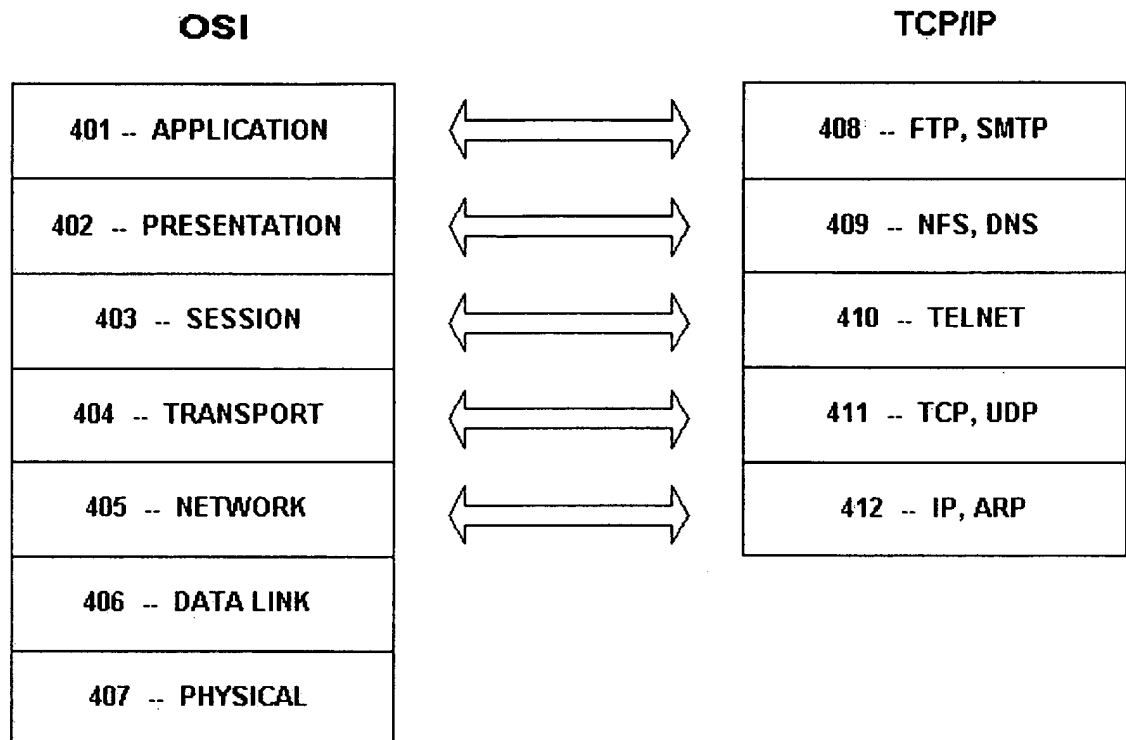


Fig 4(a)

Fig 4(b)

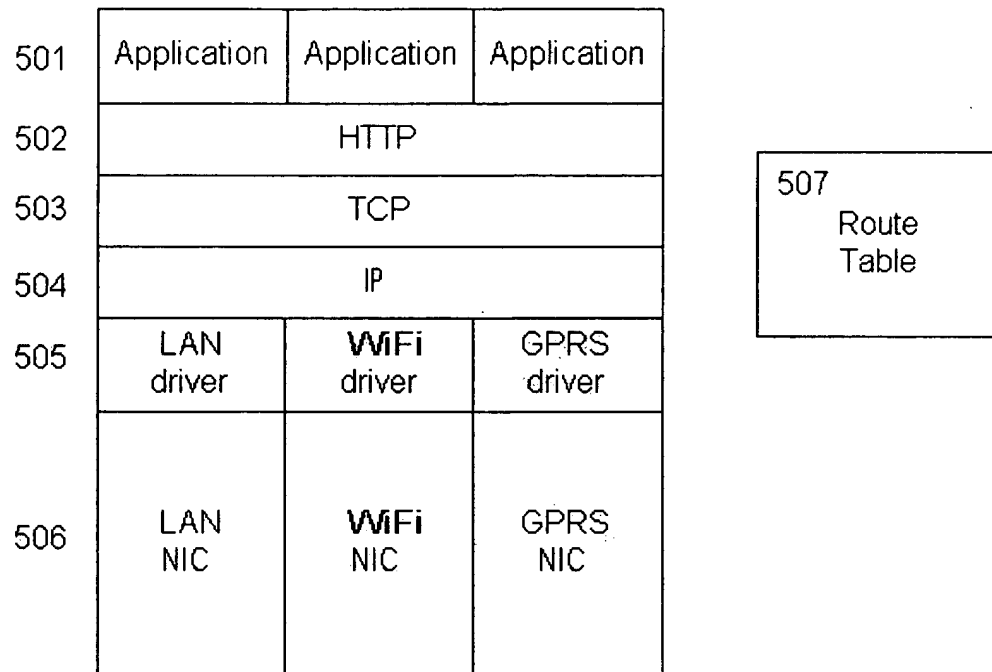


Fig 5

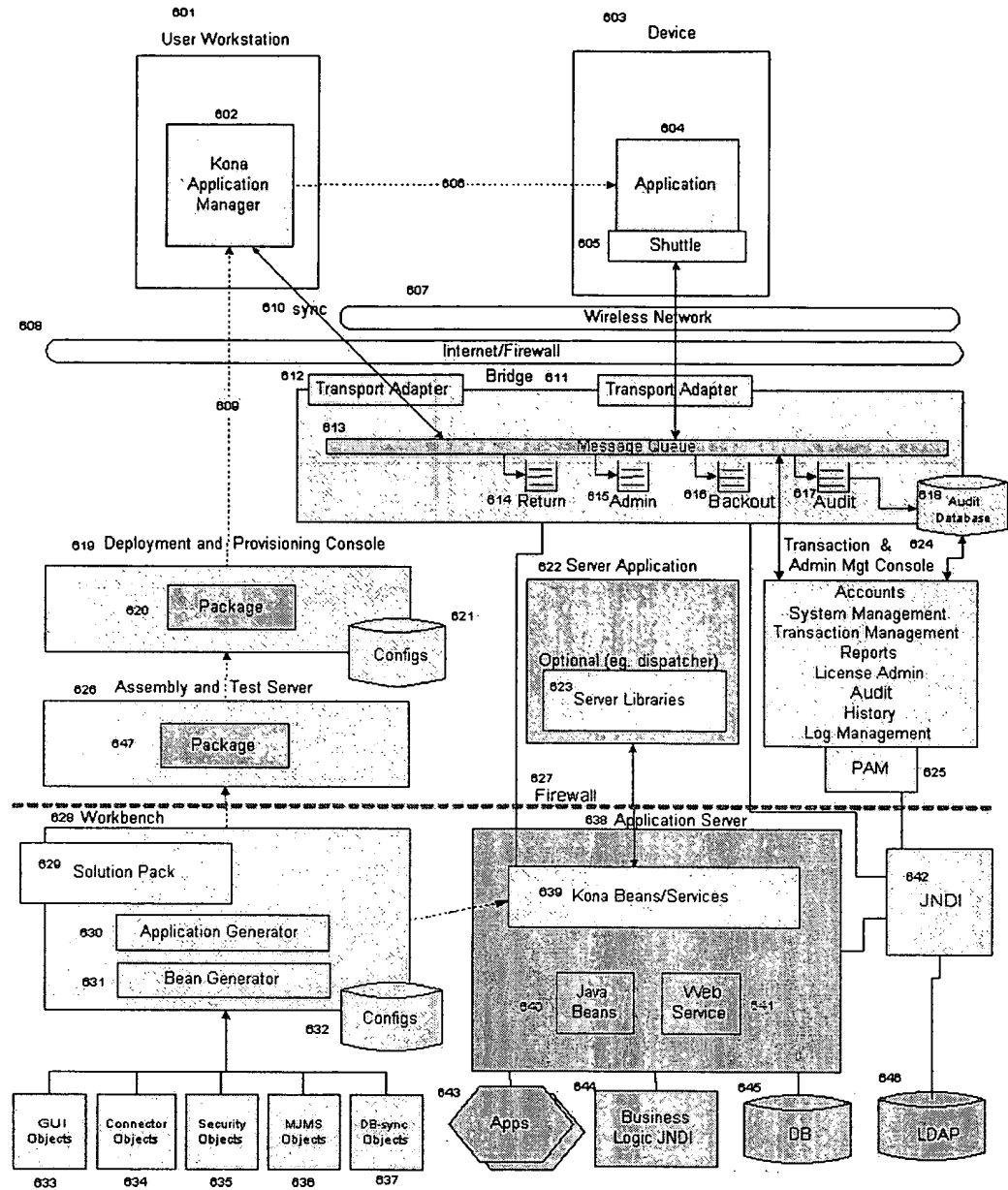


Fig 6

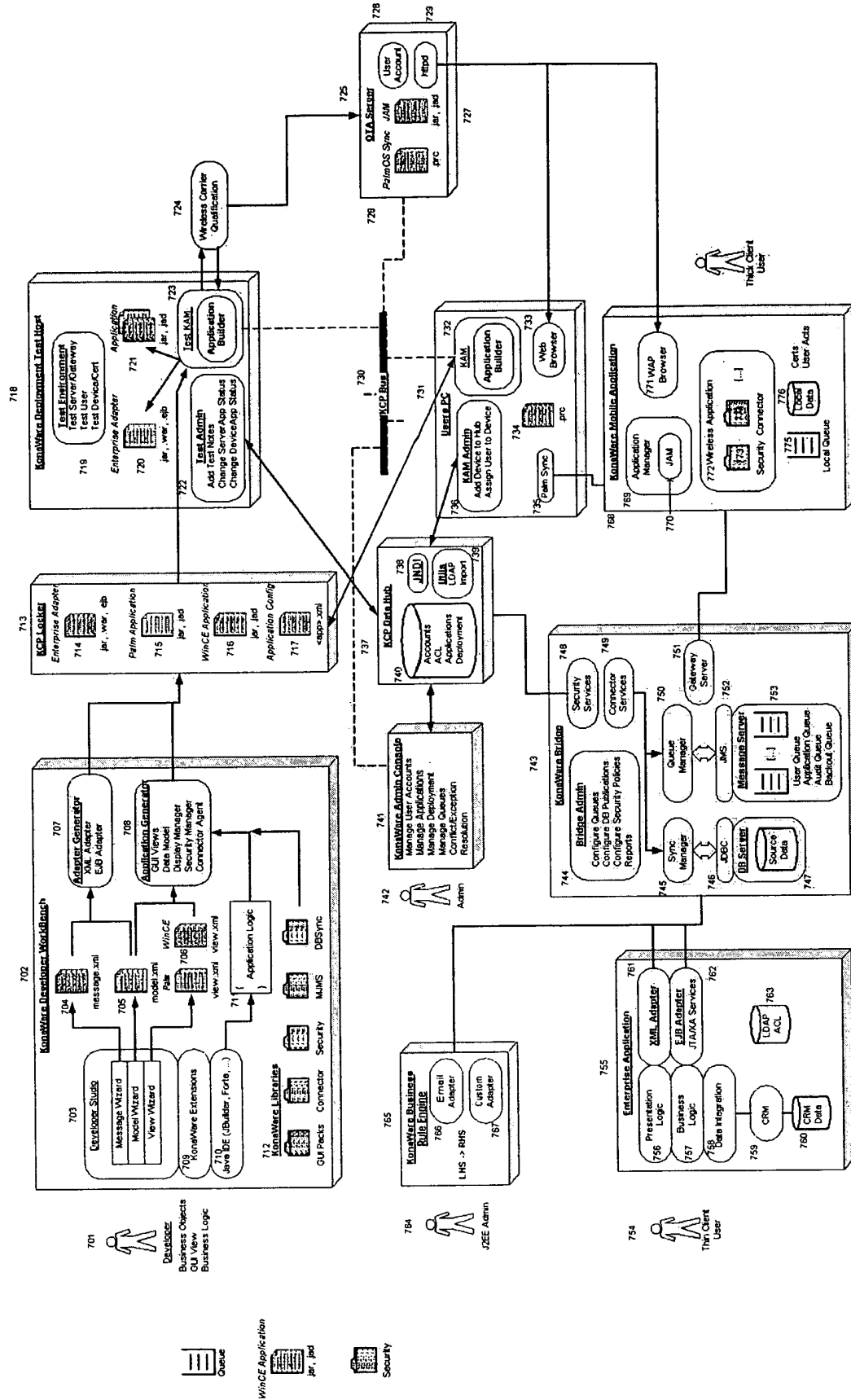


Fig 7

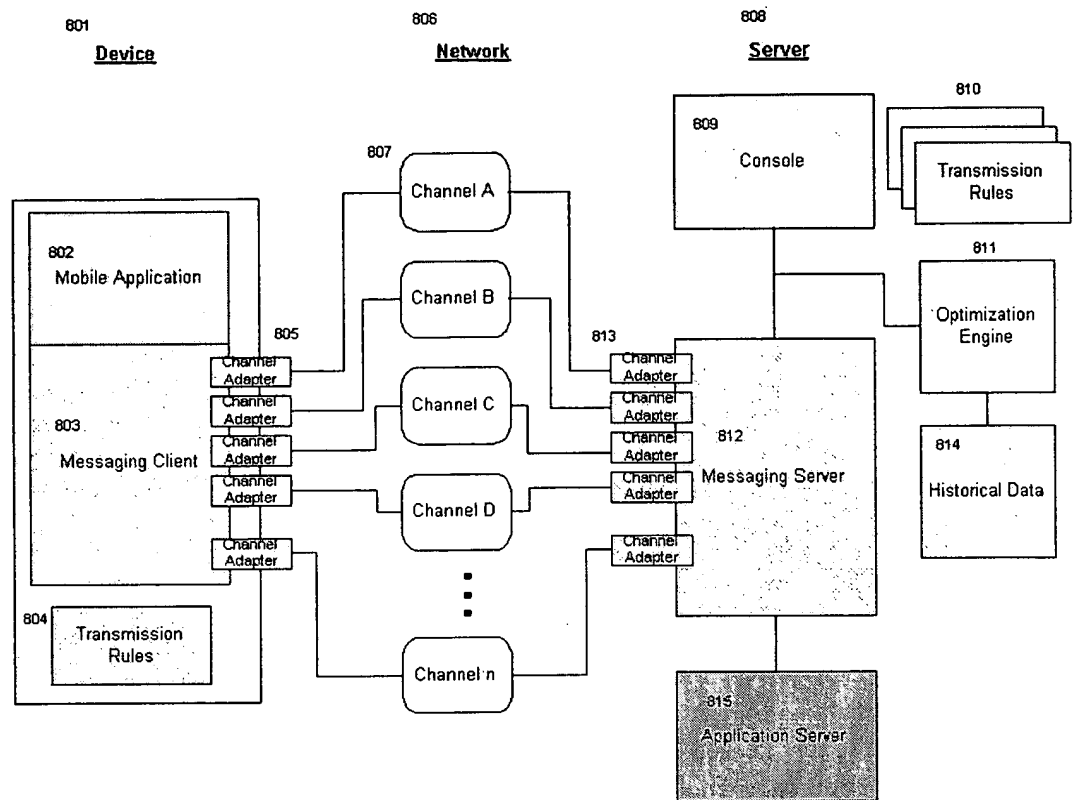


Fig 8



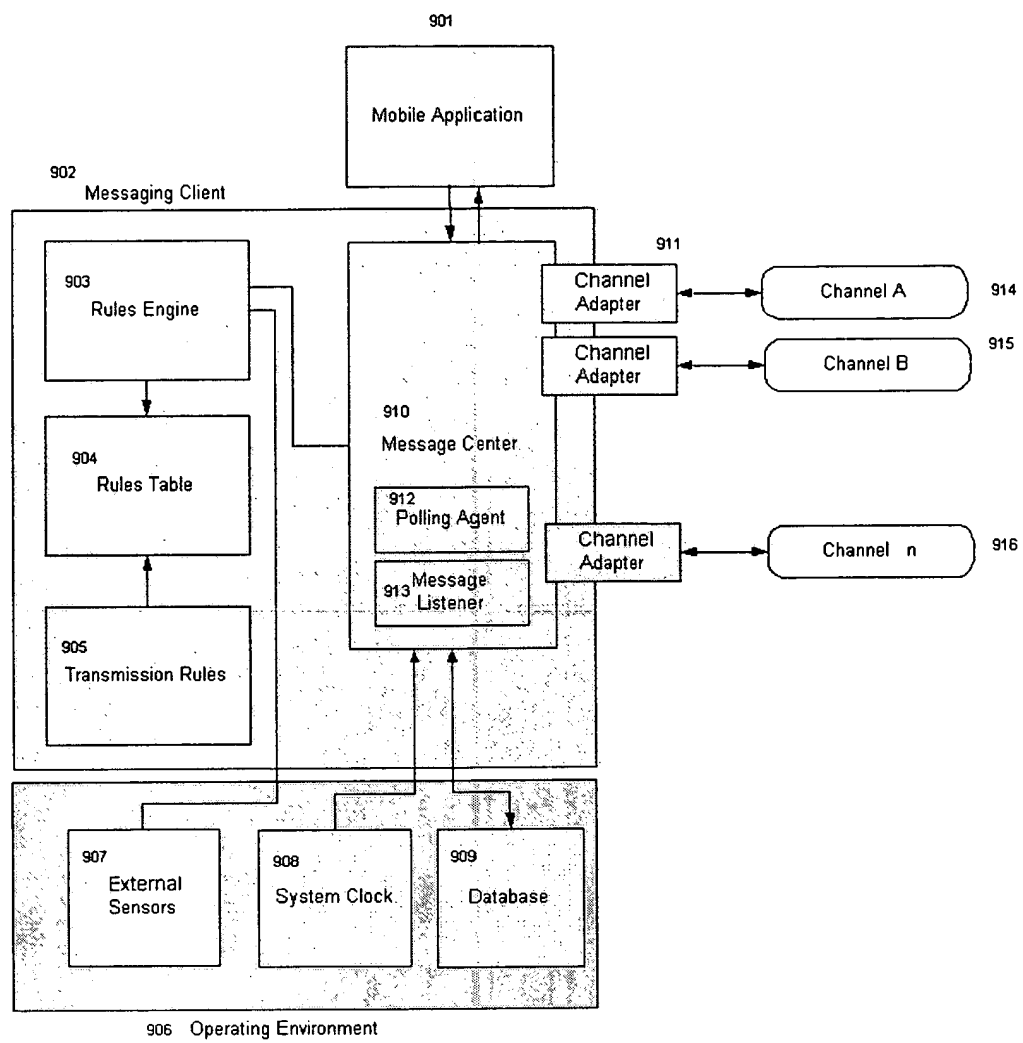


Fig 9

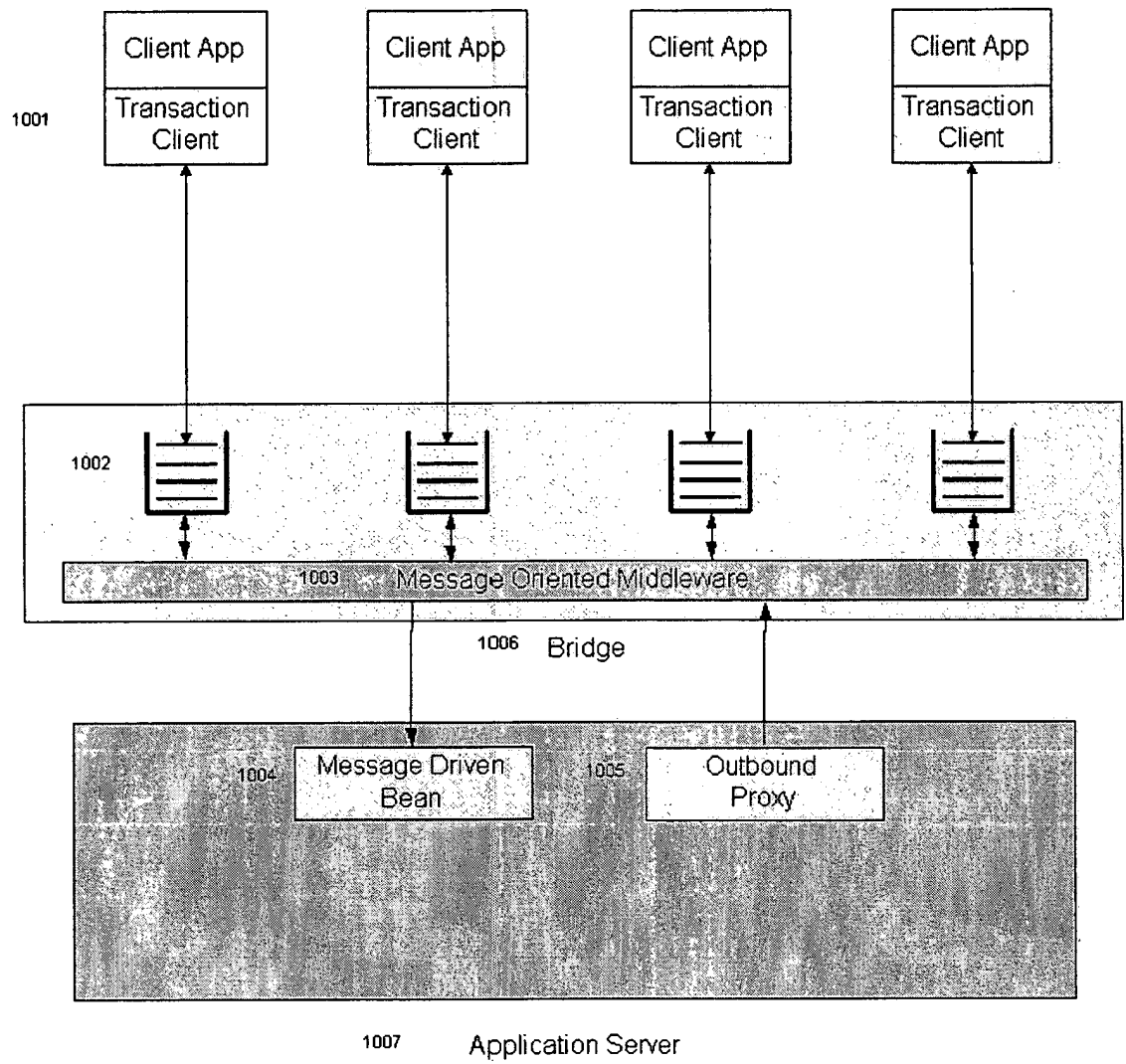


Fig 10

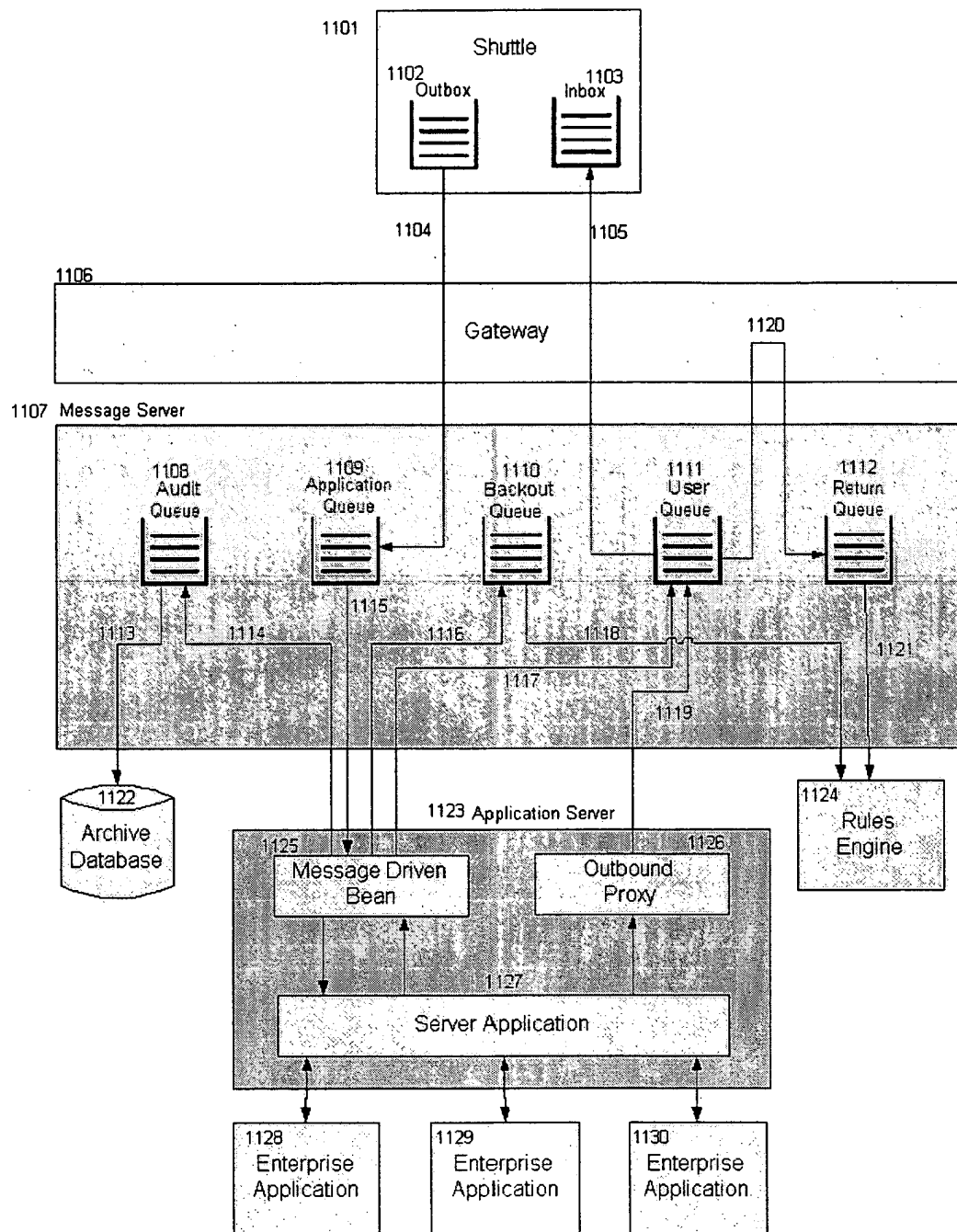


Fig 11

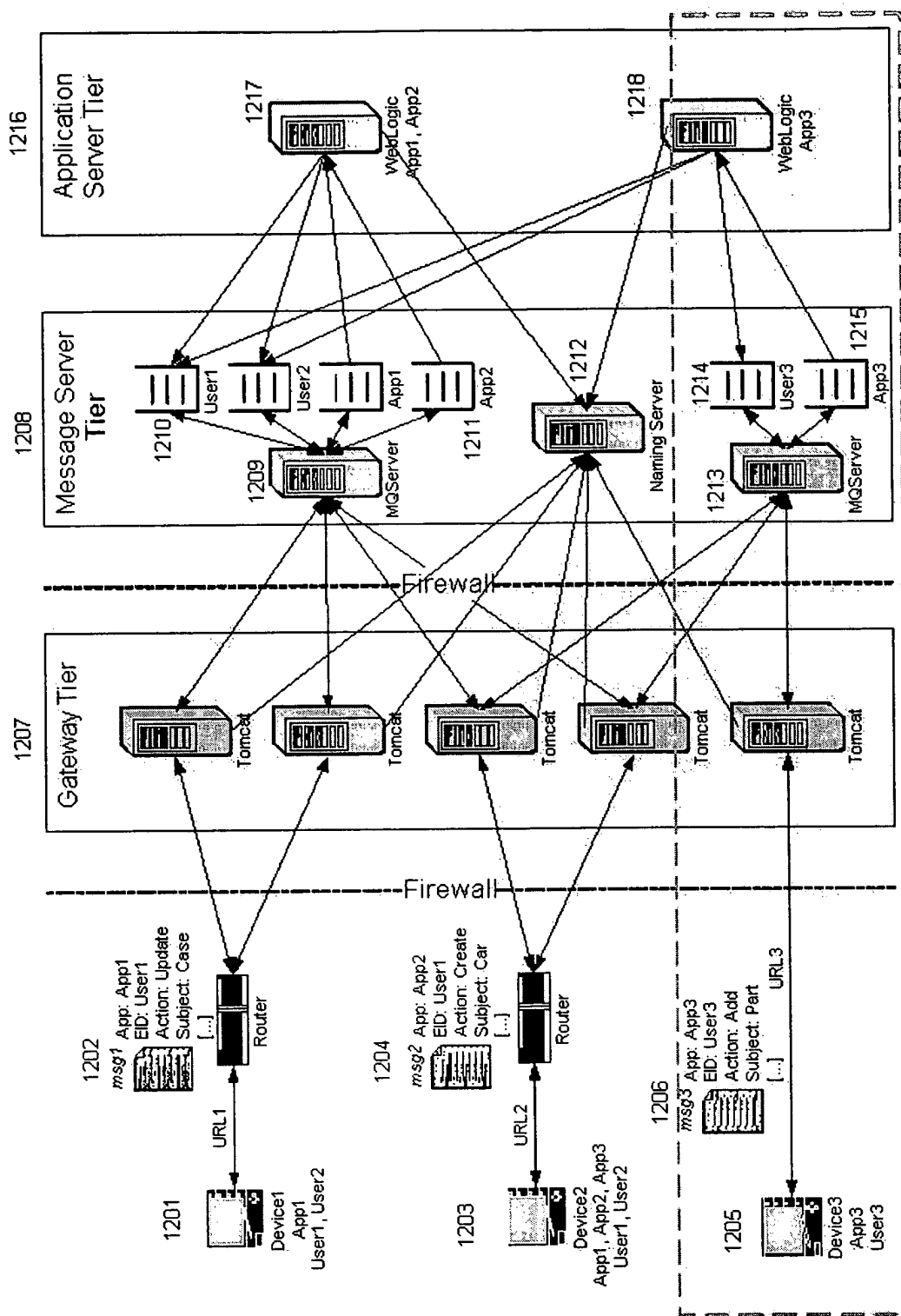


Fig 12

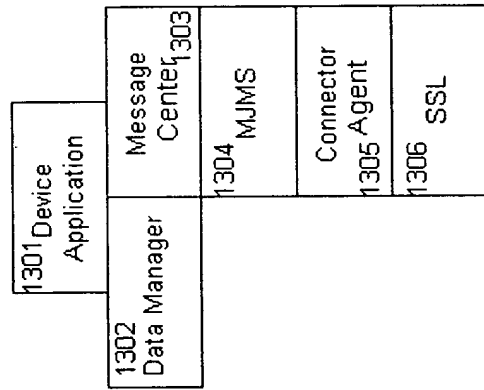


Fig 13(a)

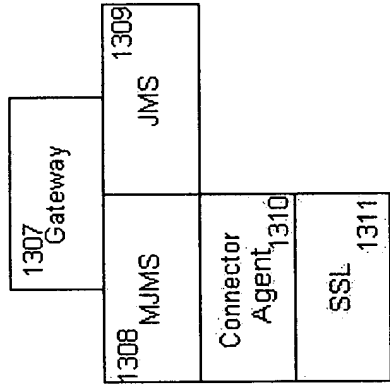


Fig 13(b)

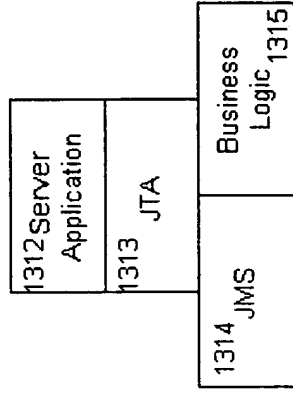


Fig 13(c)

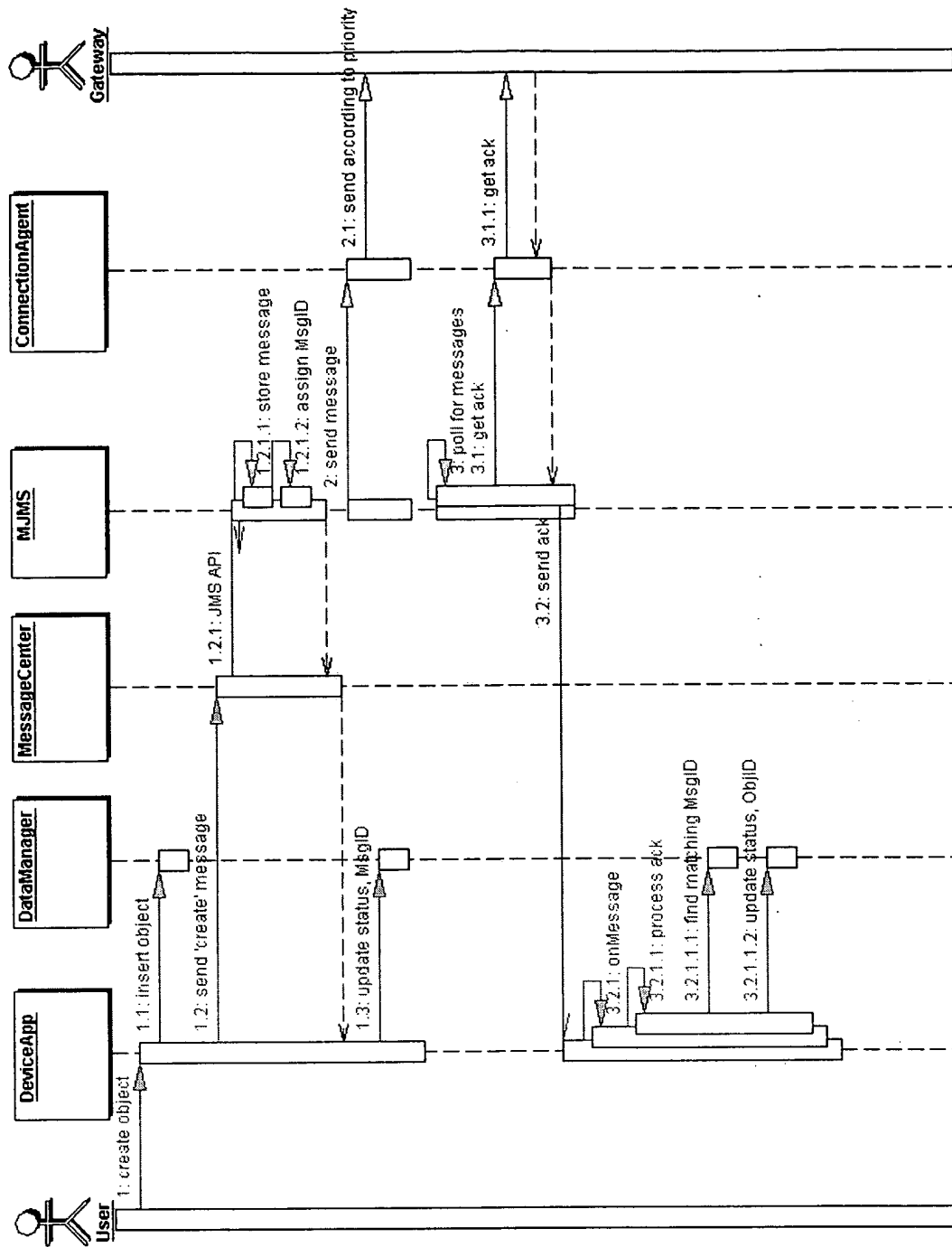


Fig 14

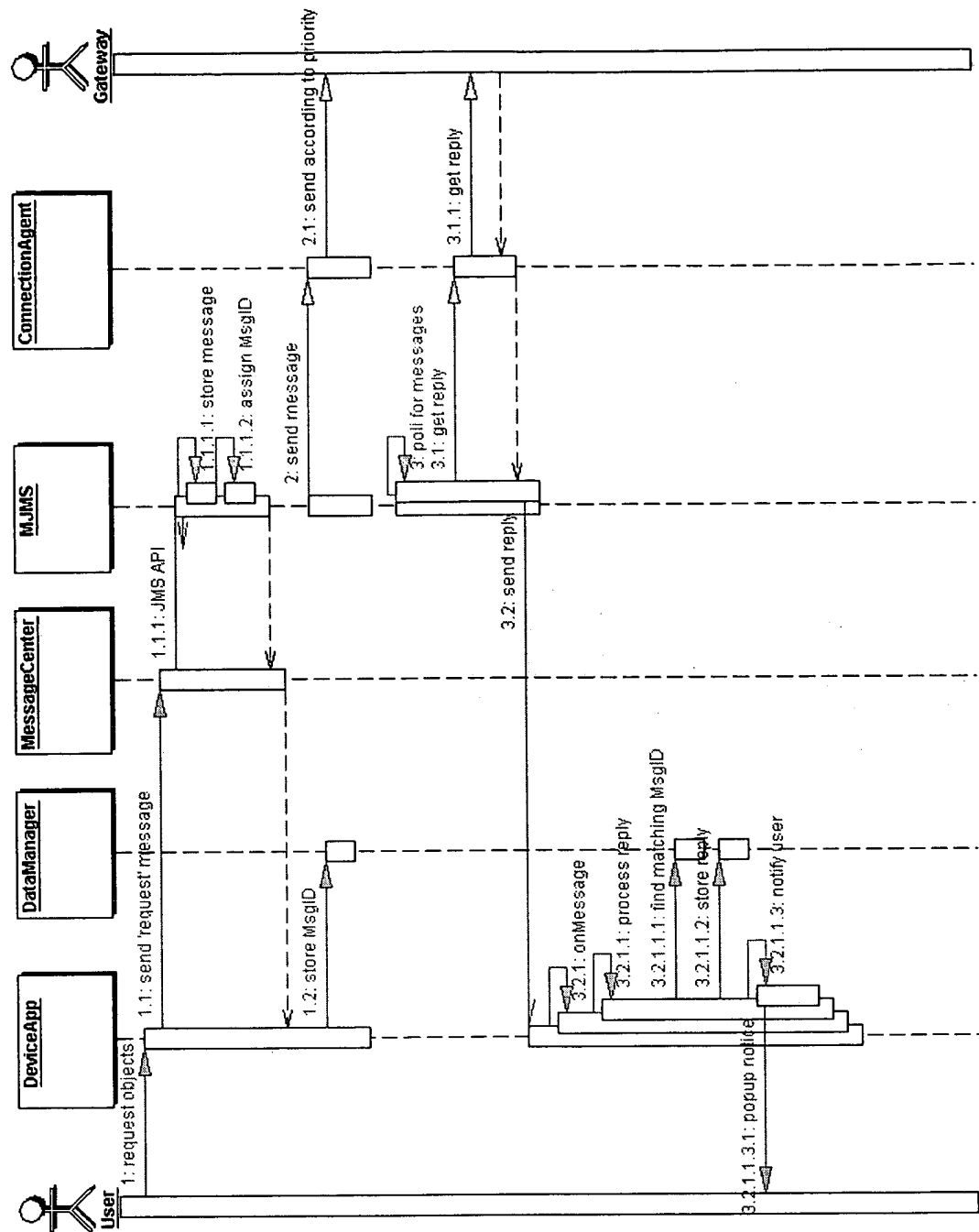


Fig 15

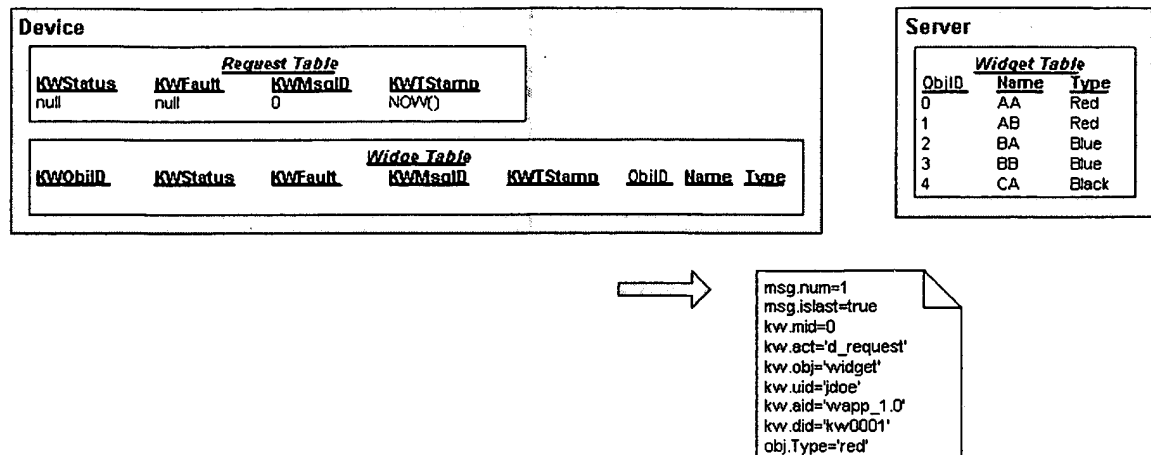


Fig 16



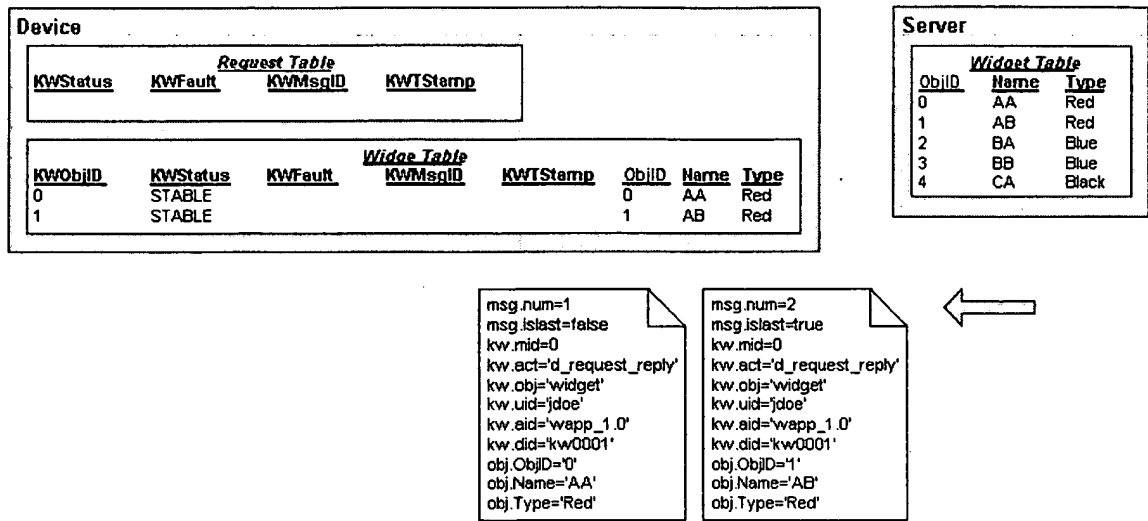
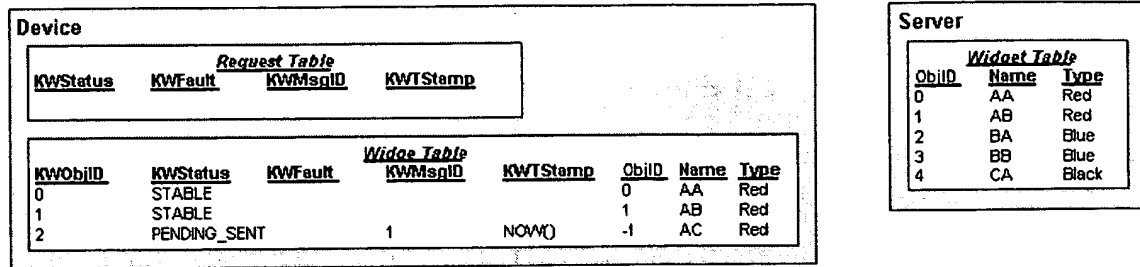


Fig 17

Device				
<u>Request Table</u>				
<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>	
<u>Widget Table</u>				
<u>KWObjID</u>	<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>
0	STABLE			
1	STABLE			
2	PENDING_CREATE			

Server		
<u>Widget Table</u>		
<u>ObjID</u>	<u>Name</u>	<u>Type</u>
0	AA	Red
1	AB	Red
2	BA	Blue
3	BB	Blue
4	CA	Black

Fig 18



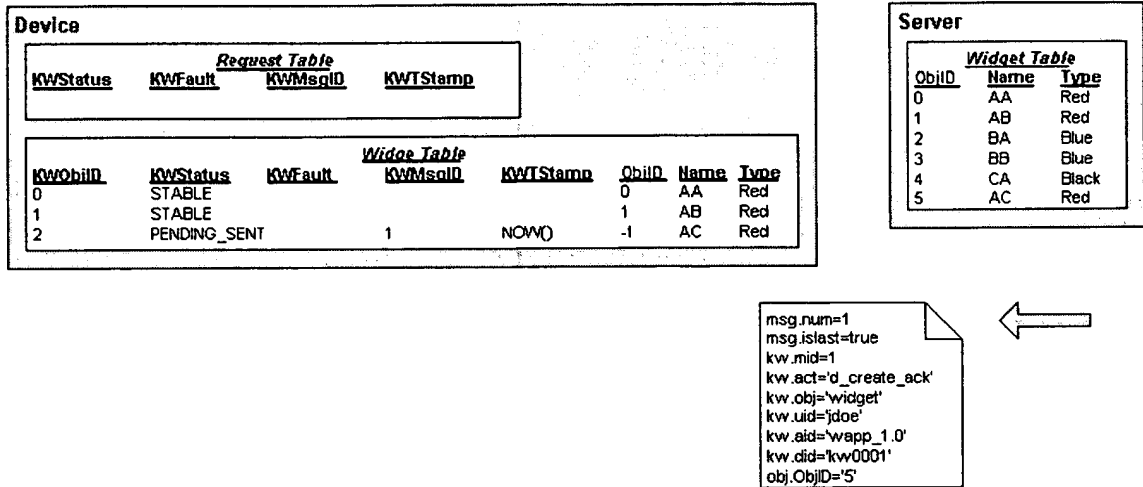
➔

```

msg.num=1
msg.islast=true
kw.mid=1
kw.act='d_create'
kw.obj='widget'
kw.uid='jdoe'
kw.aid='wapp_1.0'
kw.cid='kw0001'
obj.ObjID='-1'
obj.Name='AC'
obj.Type='Red'

```

Fig 19



**Fig 20**

Device			
<u>Request Table</u>			
<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>
<u>Widget Table</u>			
<u>KWObjID</u>	<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>
0	STABLE		
1	STABLE		
2	STABLE		

Server		
<u>Widget Table</u>		
<u>ObjID</u>	<u>Name</u>	<u>Type</u>
0	AA	Red
1	AB	Red
2	BA	Blue
3	BB	Blue
4	CA	Black
5	AC	Red

Fig 21

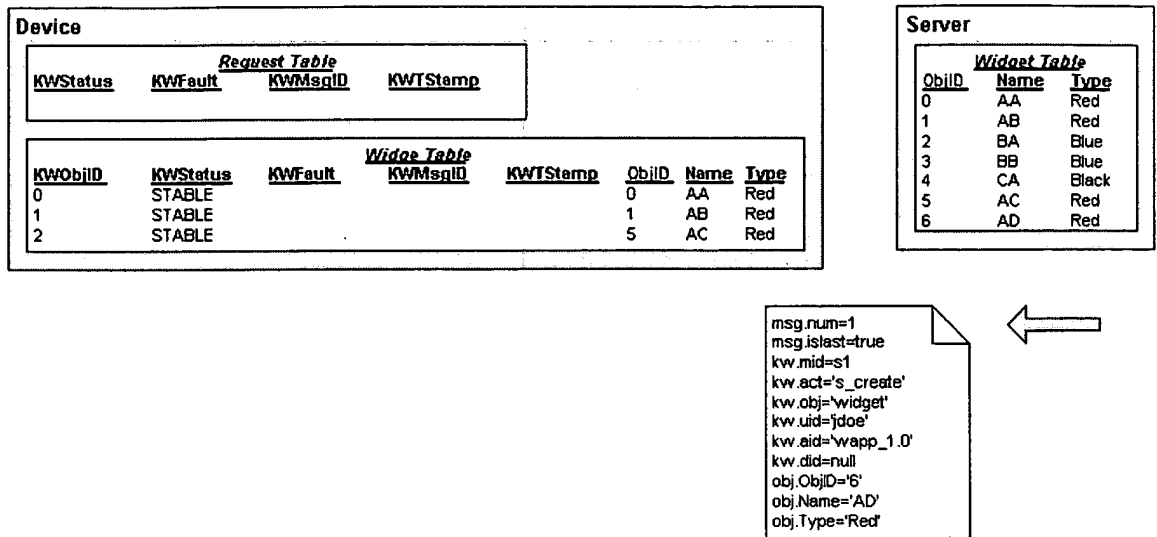


Fig 22

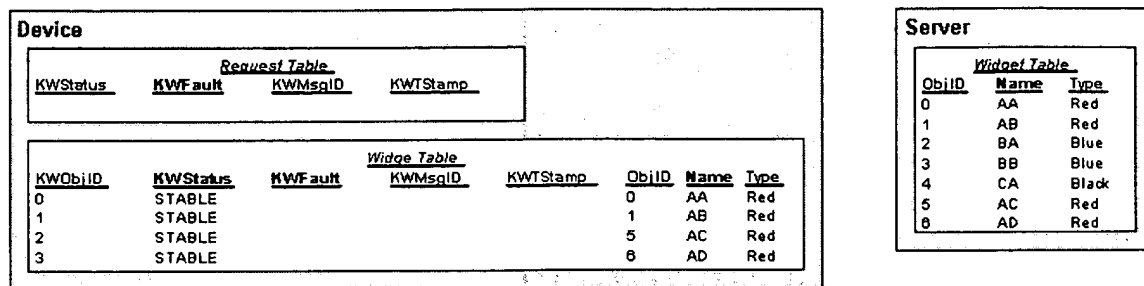


Fig 23

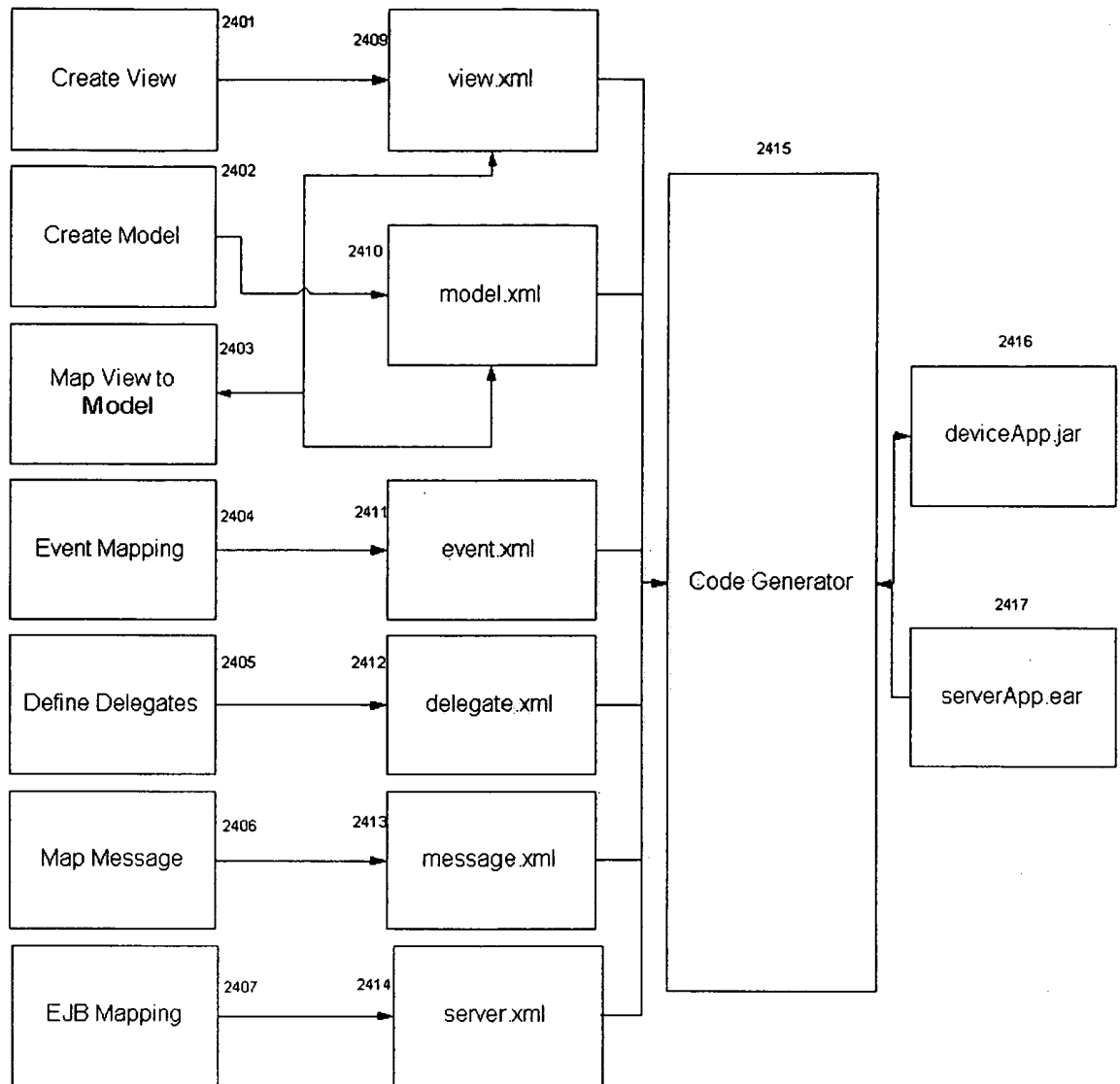


Fig 24



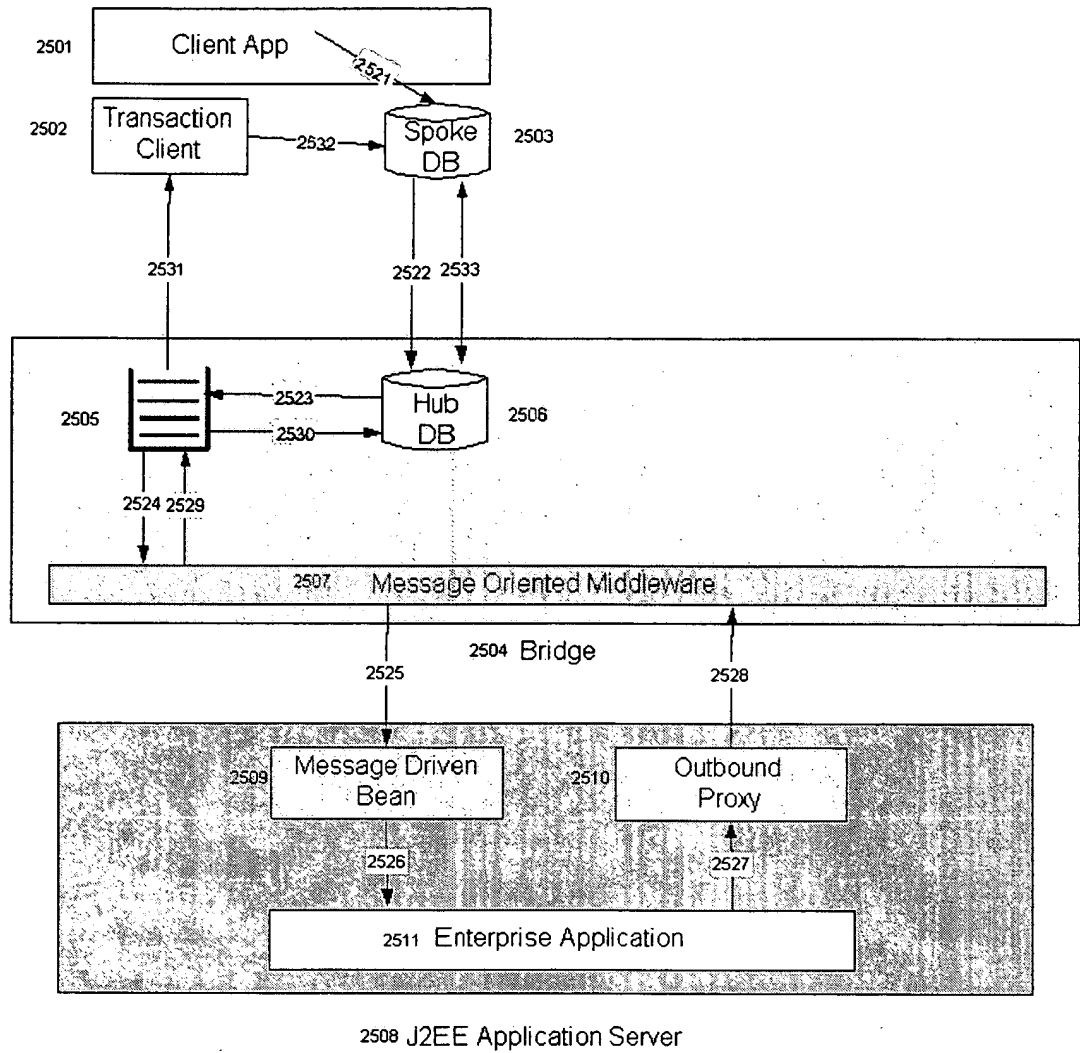


Fig 25

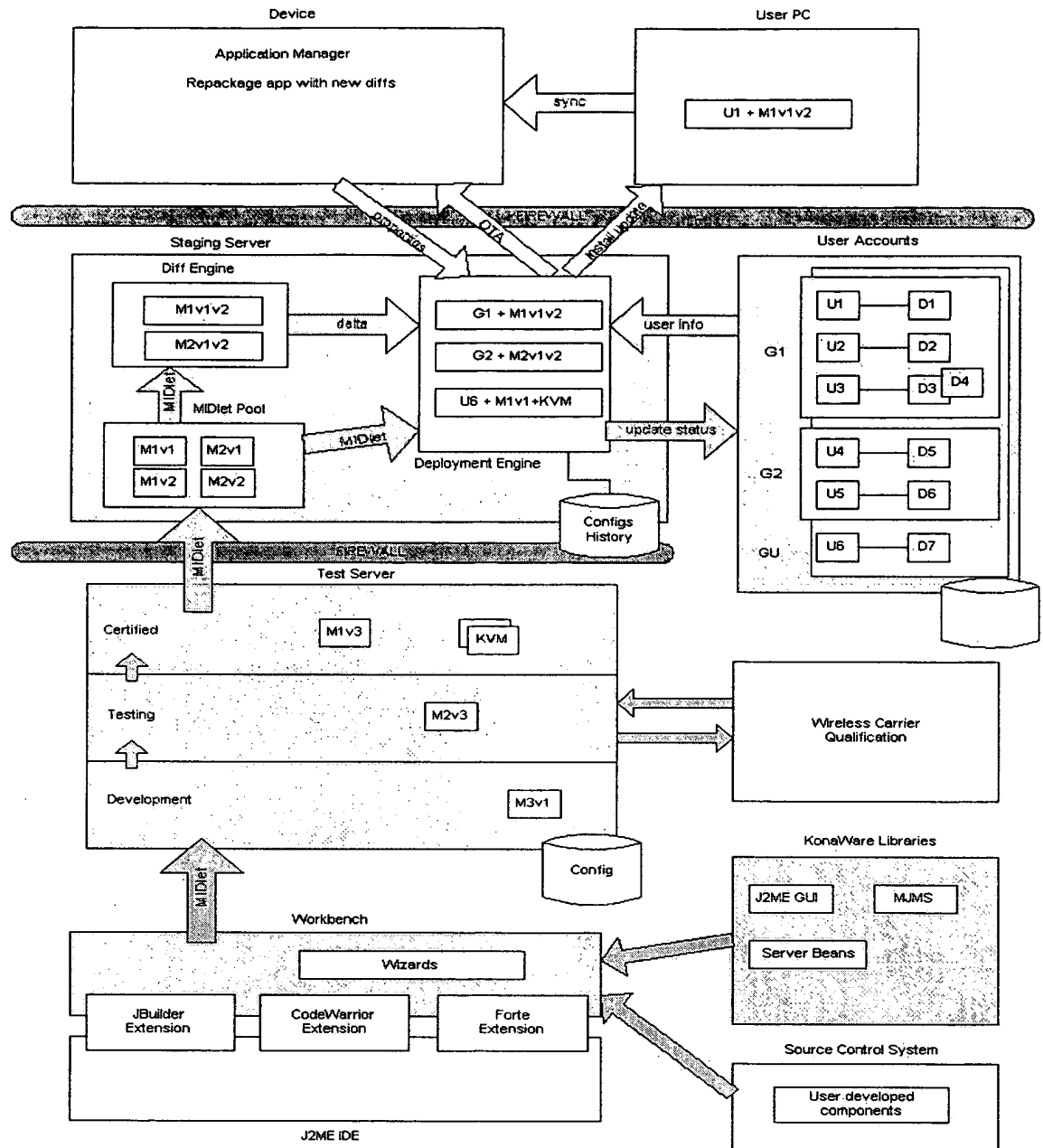


Fig 26

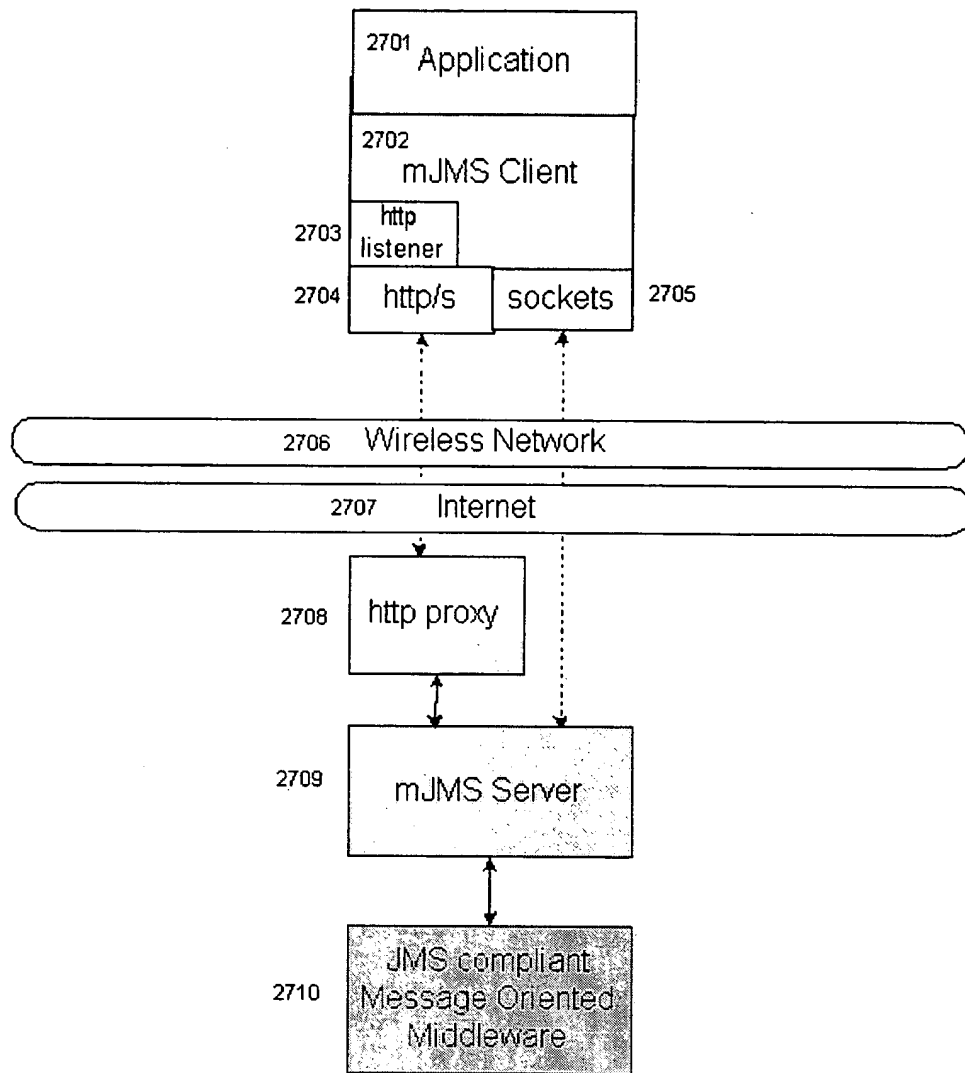


Fig 27